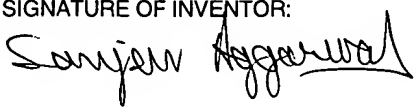
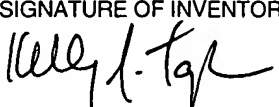
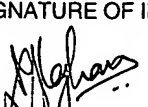


APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

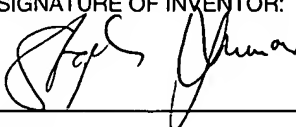

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: BARRIER FOR COPPER INTEGRATED CIRCUITS		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Practitioners at Customer Number 23494		
SEND CORRESPONDENCE TO: Peter K. McLarty Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265		DIRECT TELEPHONE CALLS TO: Peter K. McLarty (972) 917-4258
NAME OF INVENTOR: (1) Sanjeev Aggarwal	NAME OF INVENTOR: (2) Kelly J. Taylor	NAME OF INVENTOR: (3) Srinivas Raghavan
RESIDENCE & POST OFFICE ADDRESS: 8421 High Meadows Drive Plano, Texas 75025	RESIDENCE & POST OFFICE ADDRESS: 829 Charter Oak Street Allen, Texas 75002	RESIDENCE & POST OFFICE ADDRESS: 4017 Lonesome Trail Plano, Texas 75023
COUNTRY OF CITIZENSHIP: India	COUNTRY OF CITIZENSHIP: USA	COUNTRY OF CITIZENSHIP: India
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 
DATE: March 9, 2004	DATE: March 15, 2004	DATE: March 9, 2004

APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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SEND CORRESPONDENCE TO: Peter K. McLarty Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265		DIRECT TELEPHONE CALLS TO: Peter K. McLarty (972) 917-4258
NAME OF INVENTOR: (4) Stephan Grunow	NAME OF INVENTOR: (5) Satyavolu S. Papa Rao	NAME OF INVENTOR: (6) N/A
RESIDENCE & POST OFFICE ADDRESS: 7601 Churchill Way, Apt. 1032 Dallas, Texas 75251	RESIDENCE & POST OFFICE ADDRESS: 7013 Woodsprings Drive Garland, Texas 75044	RESIDENCE & POST OFFICE ADDRESS:
COUNTRY OF CITIZENSHIP: Germany	COUNTRY OF CITIZENSHIP: India	COUNTRY OF CITIZENSHIP:
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:
DATE: March 9, 2004	DATE: March 9, 2004	DATE: